Attorney Docket No. 020192C1

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	)	DATA TRANSMISSION WITH NON-UNIFORM DISTRIBUTION
Tamer Kadous	) For: ) )	OF DATA RATES FOR A MULTIPLE-INPUT MULTIPLE OUTPUT (MIMO) SYSTEM
Serial No. 10/624,241	)	
Examiner: Emmanuel Bayard	j	
Filed: July 21, 2003	) Group No.	2611

## RESPONSE TO OFFICE ACTION

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Commissioner:

In response to the final Office Action dated May 16, 2006, please make the following amendments and consider the following remarks in the above-identified application.

CERTIFICATE OF MAILING	/TRANSMISSION (37 CFR 1.8(a))
I hereby certify that this correspondence is, on the date shall ING	hown below, being:  FACSIMILE
deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	I transmitted by facsimile to the Patent and Trademark Office.  Depositor's Name: Kate Lane (type or print name)
Depositor's Name:  (type or print name)  Date:	Date: July 5, 2006 Signature:

Serial No. 10/624,241 Art Unit: 2611 Confirmation No.7570 Examiner: Emmanuel Bayard

Customer No.: 23696